FORM PTO-1449

U.S. Dept. of Commerce
Patent and Trademark Office

Atty Docket No. Serial No. 10/019,586

Applicant

Vanessa Chisholm et al.

Filing Date 20 Dec 2001 Group 1636

# LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

xaminer nitials	,	Document Number	Date	Name	Class	Subclass	Filing Date
N	1	4,399,216	16.08.83	Axel et al.			
7	2	4,634,665	06.01.87	Axel et al.			
-1	3	4,713,339	15.12.87	Levinson et al.			
$I \mid I$	4	5,491,084	13.02.96	Chalfie et al.			
1 1	5	5,561,053	01.10.96	Crowley	ļ ·		
/	6	5,625,048	29.04.97	Tsien et al.			
1 1	7	5,777,079	07.07.98	Tsien et al.	ŧ		
1 1	8	5,795,737	18.08.98	Seed et al.			
]	9	5,804,387	08.09.98	Cormack et al.			
u l	10	5,874,304	23.02.99	Zolotukhin et al.			

#### **FOREIGN PATENT DOCUMENTS**

Examiner Initials		Document Number	Date	Country		Class	Subclass	Transla Yes	ition No
N	11	WO 92/08796	29.05.92	PCT					
	12	WO 94/28143	08.12.94	PCT					
	13	WO 95/21191	10.08.95	PCT	<b>x</b>				
٠	14	WO 97/42320	13.11.97	PCT					
	15	WO 98/06737	19.02.98	PCT					
80	16	WO 98/21355	22.05.98	PCT			1		

### OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

1	W	17	Assaraf et al., "Identification of Methotrexate Transport Deficiency in Mammalian Cells Using Pluoresceinated Methotrexate and Flow Cytometry" Proc. Natl. Acad. Sci. USA 84:7154-7158 (Oct 1987)
	1	18	Chalfie et al, "Green Fluorescent Protein as a Marker for Gene Expression" Science 263:802-805 (1994)
			Crameri et al., "Improved Green Fluorescent Protein by Molecular Evolution Using DNA Shuffling" Nature Biotechnology 14:315-319 (1996)
		20	Cubitt et al., "Understanding, improving and using green fluorescent proteins" Trends Biochem. Sci. 20:448-455 (1995)
			Davies et al., "The Sequence Context of the Initiation Codon in the Encephalomyocarditis Virus Leader Modulates Efficiency of Internal Translation Initiation" <u>Journal of Virology</u> 66:1924-1932 (1992)
			Gubin et al., "Long-Term, Stable Expression of Green Fluorescent Protein in Mammalian Cells" <u>Biocehm.</u> <u>Biophysics. Res. Commun.</u> 236:347-350 (1997)
		23	Haber et al., "Properties of an Altered Dihydrofolate Reductase Encoded by Amplified Genes in Cultured Mouse Fibroblasts" <u>Journal of Biological Chemistry</u> 256(18):9501-9510 (1981)
$\neg$			Heim et al., "Improved green fluorescence" <u>Nature</u> 373:663-664 (1995)

Herlitschka et al., "Overexpression of Human Prothrombin in Permanent Cell Lines Using a Dominant Selection/ Amplification Pusion Marker" Protein Expression and Purification 8:358-364 (1996)

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## LIST OF DISCLOSURES CITED BY APPLICANT

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Filing Date	Group	
20 Dec 2001	1636	

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	OTHER DISCLOSURES (Including Author, Title, Date,	Pertinent Pages, etc.)					
Hung et al., "Molecular cloning of the neu gene: Absence of gross structural alteration in oncogenic alleles" Proc. Natl. Acad. Sci. USA 83:261-264 (1986)							
Jang et al., "Initiation of Protein Synthesis by Internal Entry of Ribosomes into the 5' Nontrain Region of Encephalomyocarditis Virus RNA In Vivo" <u>Journal of Virology</u> 63(4):1651-1660 (1989)							
Johnston and Kucey, "Competitive Inhibition of hsp70 Gene Expression Causes Thermosensitivity" 28 242:1551-1554 (1988)							
29	Kaetzel and Nilson, "Methotrexate-induced Amplification of the Covary Cells" Journal of Biological Chemistry 263(13):6344-6351		in Chinese Hamste				
30	Kaufman and Schimke, "Amplification and Loss of Dihydrofolate Re Cell Line" Molecular & Cellular Biology 1(12):1069-1076 (1981)	eductase Genes in a C	hinese Hamster Ova				
31	Kaufman and Sharp, "Amplification and Expression of Sequences Co Reductase Complementary DNA Gene" <u>J. Mol. Biol.</u> 159:601-621 (198		odular Dihydrofola				
32	Kaufman et al., "Coamplification and Coexpression of Human Tissu Dihydrofolate Reductase Sequences in Chinese Hamster Ovary Cells 5(7):1750-1759 (1985)	s" Molecular & Cellul	ar Biology				
33	Kaufman et al., "Improved vectors for stable expression of fore the untranslated leader sequence from EMC virus" Nucleic Acids I	ign genes in mammalia Research 19(16):4485-	n cells by use of 4490 (1991)				
. 34	Kaufman et al., "Translational Efficiency of Polycistronic mRNA; Heterologous Genes in Mammalian Cells" EMBO Journal 6(1):187-19:	3 (1987)					
, 35	Kaufman, "High Level Production of Proteins in Mammalian Cells" London:Plenum Press Vol. 9:155-198 (1987)						
36	Kaufman, "Selection and Coamplification of Heterologous Genes in 185:537-566 (1990)						
Levenson et al., "Internal Ribosomal Entry Site-Containing Retroviral Vectors with Green Fluorescape Protein and Drug Resistance Markers" Human Gene Therapy 9:1233-1236 (1998)							
38	Marshall et al., "The Jellyfish Green Fluorescent Protein: A New Expression and Function" Neuron 14:211-215 (1995)	w Tool for Studying I	on Channel				
39	Natarajan et al., "Comparison of mutant forms of the green fluor Chinese hamster ovary (CHO) and Saccharomyces cerevisiae cells"	J. Biotechnol. 62:29	-45 (1998)				
40	Nolan et al., "Fluorescence-activated cell analysis and sorting B-D-galactosidase activity after transduction of Escherichia col 85:2603-2607 (1988)	li lacZ" <u>Proc. Natl.</u>	Acad. Sci. USA				
41	Olson et al., "Analysis of MAP4 Function in Living Cells Using ( Journal of Cell Biology 130:639-650 (1995)						
42	Page et al., "High Level Expression of the Humanized Monoclonal Ovary Cells" <u>Bio/Technology</u> 9:64-68 (1991)		•				
43	Pelletier et al., "Internal initiation of translation of eukaryofrom poliovirus RNA" <u>Nature</u> 334:320-325 (1988)						
44	Prasher et al., "Primary structure of the Aequorea victoria gree (1992)	-	<del></del>				
Ringold et al., "Co expression and Amplification of Dihydrofolate Reductase cDNA and the Escherichia coli XGPRT Gene in Chinese Hamster Ovary Cells" Journal of Molecular & Applied Genetics 1(3):165-175							
45	(1981)						
xaminer 45	(1981)	ate Considered					

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		449 U.S. Dept. of Commerce	Atty Docket No.	Serial No.
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		Patent and Trademark Office	Applicant	
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(1	l Ica ca	eral sheets if necessary)	Filing Date	Group
ľ	036 361	eral sheets if hecessary)	20 Dec 2001	1636
		OTHER DISCLOSURES (Including Author, Title, Date,		
pi	46	Schimke, R., "Gene Amplification in Cultured Cells" <u>Journal of</u> (May 1988)	Biological Chemistry	263 (13) :5989-5992
1.	1	Simonsen and Levinson, "Isolation and Expression of an Altered Natl. Acad. Sci. USA 80(9):2495-2499 (1983)	Mouse Dihydrofolate	Reductase cDNA" Proc.
	47		Vario from College	Mammalian Colla
W	48	Urlaub et al., "Deletion of the Diploid Dihydrofolate Reductase Cell 33:405-412 (1983)		Manuallan Cells
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					20 Dec 2001	163	6			
		<u> </u>	· ·	U.S. PATENT DOCUMENTS						
Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing	Date		
W	49	6,114,146		Herlitschka, et al.			14.11	. 95		
W	50	6,632,637	14.10.03	McGrew		ļ	12.10	.00		
	<b></b>		<u> </u>	FOREIGN PATENT DOCUMENTS	5	<u> </u>	<u> </u>			
Examiner		Dogwood Number	Data	Country	Class	Cubalana	Transla			
Initials		Document Number	Date	Country	Class	Subclass	Yes	No		
4.	-51-	0 711 835 A	15.05.96	BP						
M	52	WO 2004/046340	03.06.04	PCT						
	53	WO 96 04391 A	15.02.96	PCT				•		
60	54	01/04306	<u></u>	МО		<u></u>	<u> </u>	<u> </u>		
				OSURES (Including Author, Title, Date,	•	•				
M	55	Bennett et al., "Fusion of green fluorescent protein with the zeocin-resistance marker allows visual screening and drug selection of transfected eukaryotic cells" Biotechniques 24(3):478-482 (Mar 1998)								
	56	produce Recombination	ant DNase in Ba s. Inc. Vol. 60	tch Culture with Increased Siali	ely Expressed Sialidase Antisense RNA ic Acid* Biotechnology and Bioengineering					
	57			etion of Recombinant Proteins in eic Acids Research 24(9):1774-17	n CHO Cells Using a Dicistronic DHFR 779 (1996)					
	58	Meng et al., "Green fluorescent protein as a second selectable markerfor selection of high producing clones from transfected CHO cells" Gene 242:201-207 (2000)								
	59	Mosser et al., "Use of a dicistronic expression cassette encoding the green fluorescent protein for the screening and selection of cells expressing inducible gene products" Biotechniques 22:150-161 (1997)								
	60	· ·	Petitclerc, et al., "The Effects of Various Introns and Transcription terminators on the efficiency of expression Vectors in Various Cultured Cell Lines and in the Mammary Gland of Transgenic Mice" Journal							
Ц	100	of Biotechnology	of Biotechnology, Elsevier Science B.V. Vol. 40:169-178 (1995) Primig et al., "A novel GFPneo vector designed for the isolation and analysis of enhancer elements in							
	61			ne (Amsterdam) 215:181-189 (Jul		or ennancer	e e e e ment	s in		
M	62			hinese Hamster Ovary Cells to Ma nc. 17:1116-1121 (Nov 1999)	ximize Sialic Ac	id Content	of Reco	mbinant		
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